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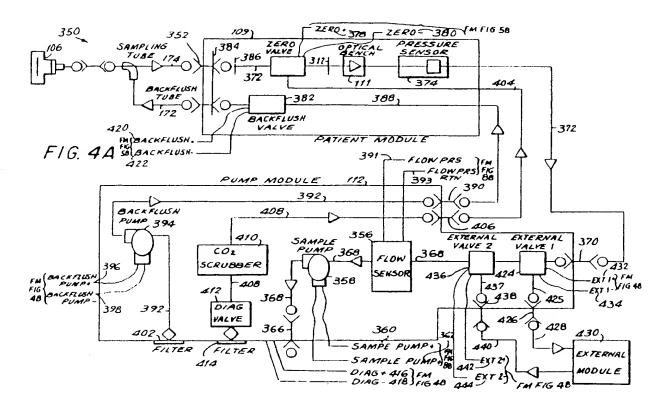
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Minproved multichannel gas analyzer and method of use.

(57) A system for backflushing an inlet filter in an airway adapter in a gas sampling system, the system having a sample conduit for transporting therethrough a sample gas stream from the airway adaptor to a gas analyzing means, with the sample gas stream passing through the inlet filter in a first direction to enter the sample conduit,

comprising a backflush conduit with means connected to the pressure side of a fluid pumping means and the airway adapter, and the fluid pumping means for causing a fluid flow in the backflush conduit from the fluid pumping means to the airway adapter and through the inlet filter in a second direction that is opposite the first direction.

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## **EUROPEAN SEARCH REPORT**

Application Number EP 93 10 1050

		SIDERED TO BE RELEVAN	1	
Category	Citation of document with of relevant (	indication, where appropriate. passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.4)
Y	WO-A-86 02820 (AND * page 3, line 5 -	ROS ANALYZERS) line 28; figures 1-3 *	1,2	G01N1/24 A61B5/08 B01D46/04
Y	US-A-3 705 478 (VANELDIK ET AL.)  * column 1, line 11 - line 47 *  * column 4, line 25 - line 43; figure 1 *  * column 5, line 2 - line 15 *		1,2	G01N21/35 A61B5/097 A61M16/08 G01N33/497
	US-A-4 558 708 (LA * column 5, line 5 figures *	BUDA ET AL.) 2 - column 6, line 35;	1	
	US-A-4 392 387 (NG * column 1, line 2 * column 2, line 4 * column 3, line 5	K INSULATORS) 2 - line 41 * 9 - line 60; figure * 8 - column 4, line 33 *	1	
	EP-A-0 108 552 (TOSHIBA)  * page 1, line 4 - line 17 *  * page 5, line 13 - page 6, line 16; figures 6-7 *		1	TECHNICAL FIELDS SEARCHED (Int.Cl.4)
	EP-A-O 095 802 (CENTRE DE RECHERCHES METALLURGIQUES) * page 6, line 18 - page 7, line 6; figure 1 *		1	A61B A61M G01N
	US-A-3 769 973 (ESO * column 3, line 39 *	CHENSHADE) 9 - line 46; figures 2-3	4	
	GB-A-2 064 324 (GAM * page 2, line 43 · *	RBE) - line 48; figures 7A-7B 	2,4	
	The present search report has t			
	Place of search THE HAGUE	Date of completion of the search  16 May 1994	Hoc	quet, A
X : parti- Y : parti- docu: A : techr O : non-	ATEGORY OF CITED DOCUME cularly relevant if taken alone cularly relevant if combined with an ment of the same category tological background written disclosure mediate document	NTS T: theory or principl E: earlier patent doc after the filing da	e underlying the ument, but publi to the application r other reasons	invention shed on, or